

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kevin L. Grant</td><td>01/09/2009</td></tr><tr><td>James D. Dale</td><td>01/08/2009</td></tr><tr><td>Michael J. Wilt</td><td>01/09/2009</td></tr><tr><td>Jason A. Demers</td><td>01/09/2009</td></tr><tr><td>David E. Collins</td><td>01/09/2009</td></tr></tbody></table>	Name	Execution Date	Kevin L. Grant	01/09/2009	James D. Dale	01/08/2009	Michael J. Wilt	01/09/2009	Jason A. Demers	01/09/2009	David E. Collins	01/09/2009	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>DEKA Products Limited Partnership</td></tr><tr><td>Street Address:</td><td>340 Commercial Street</td></tr><tr><td>City:</td><td>Manchester</td></tr><tr><td>State/Country:</td><td>NEW HAMPSHIRE</td></tr><tr><td>Postal Code:</td><td>03101-1108</td></tr></table>	Name:	DEKA Products Limited Partnership	Street Address:	340 Commercial Street	City:	Manchester	State/Country:	NEW HAMPSHIRE	Postal Code:	03101-1108			
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (603)624-0573 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 603-669-5139													
Email: cchagnon@dekaresearch.com													
Correspondent Name: Michelle Saquet Temple													
Address Line 1: 340 Commercial Street													
Address Line 4: Manchester, NEW HAMPSHIRE 03101-1108													
ATTORNEY DOCKET NUMBER:	G23												
NAME OF SUBMITTER:	Michelle Saquet Temple												

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PATENT  
REEL: 022172 FRAME: 0870

**Total Attachments: 6**

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**PATENT**

**REEL: 022172 FRAME: 0871**

## ASSIGNMENT

ASSIGNORS: Kevin L. Grant, James D. Dale, Michael J. Wilt, Jason A. Demers,  
David E. Collins

ASSIGNEE: DEKA Products Limited Partnership  
340 Commercial Street  
Manchester, NH 03101-1108

STATE OF INCORPORATION OF ASSIGNEE: New Hampshire

TITLE: BLOOD CIRCUIT ASSEMBLY FOR A HEMODIALYSIS SYSTEM

ATTORNEY DOCKET: G23

APPLICATION NO.: 12/199,077

FILED: August 27, 2008

Assignor is a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and, all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such



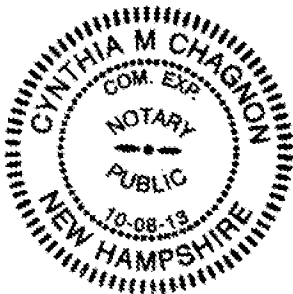
IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 01/08/09

James D. Dale  
James D. Dale

STATE OF NEW HAMPSHIRE            )  
  ) ss.  
COUNTY OF HILLSBOROUGH        )

On this 8<sup>th</sup> day of January, 2009, before me, the undersigned notary public, personally appeared James D. Dale, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.



Seal

Cynthia M. Chagnon  
Notary Public

My commission expires: 10-08-2013

Date: 1/9/09

STATE OF NEW HAMPSHIRE )  
 ) ss.  
COUNTY OF HILLSBOROUGH )

Heather Woods  
Notary Public

My commission expires: 2-11-09

Date: 1/9/9

  
Jason A. Demers

STATE OF NEW HAMPSHIRE )  
 ) ss.  
COUNTY OF HILLSBOROUGH )

Helen White  
Notary Public

Seal

My commission expires: 2-11-09

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 1/09/09

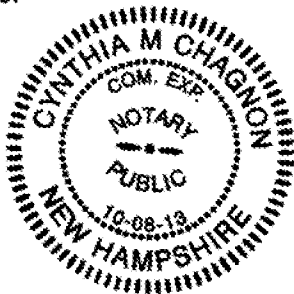
David E. Collins  
David E. Collins

STATE OF NEW HAMPSHIRE )

) ss.

COUNTY OF HILLSBOROUGH )

On this 9<sup>th</sup> day of January, 2009, before me, the undersigned notary public, personally appeared David E. Collins, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.



Seal

Cynthia M. Chagnon  
Notary Public

My commission expires: 10-08-2013

PATENT